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APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/699,574	10/699,574 10/31/2003		Chung-Hu Ge	TSM03-0660	1574
43859	7590	10/20/2004		EXAMINER	
SLATER &	MATSII	L, L.L.P.		TRAN, MII	NH LOAN
17950 PRES	TON ROA	AD, SUITE 1000			
DALLAS, TX 75252				ART UNIT	PAPER NUMBER
				2826	•

DATE MAILED: 10/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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	App	olication No.	Applicant(s)				
		699,574	GE ET AL.				
Office Action Summ	ary Exa	miner	Art Unit				
	Min	h-Loan T. Tran	2826				
The MAILING DATE of this of Period for Reply	ommunication appears	on the cover sheet with the	correspondence address				
A SHORTENED STATUTORY PE THE MAILING DATE OF THIS CO - Extensions of time may be available under the after SIX (6) MONTHS from the mailing date of - If the period for reply specified above, the m - Failure to reply within the set or extended perion Any reply received by the Office later than three earned patent term adjustment. See 37 CFR 1	MMUNICATION. provisions of 37 CFR 1.136(a). I this communication. an thirty (30) days, a reply within aximum statutory period will appl d for reply will, by statute, cause e months after the mailing date o	in no event, however, may a reply be ti the statutory minimum of thirty (30) day y and will expire SIX (6) MONTHS from the application to become ABANDONE	mely filed ys will be considered timely. the mailing date of this communication. ED (35 U.S.C. § 133).				
Status							
1) Responsive to communication	n(s) filed on 31 Octobe	er 2003.					
· <u>·</u>							
• • •	,						
Disposition of Claims							
4) ⊠ Claim(s) <u>1-35</u> is/are pending 4a) Of the above claim(s) 5) □ Claim(s) is/are allowe 6) □ Claim(s) is/are rejected 7) □ Claim(s) is/are objected 8) ⊠ Claim(s) <u>1-35</u> are subject to	is/are withdrawn fro d. d. ed to.						
Application Papers							
9) The specification is objected	to by the Examiner.						
10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.							
Applicant may not request that a	•	• • •	, ,				
Replacement drawing sheet(s) in the oath or declaration is obj	-		ojected to. See 37 CFR 1.121(d). Action or form PTO-152.				
Priority under 35 U.S.C. § 119							
2. Certified copies of the3. Copies of the certified	ne of: priority documents hav priority documents hav copies of the priority do ternational Bureau (PC	e been received. e been received in Applicat ocuments have been receiv T Rule 17.2(a)).	ion No ed in this National Stage				
Attachment(s)							
1) Notice of References Cited (PTO-892)		4) Interview Summary					
Notice of Draftsperson's Patent Drawing F Information Disclosure Statement(s) (PTC Paper No(s)/Mail Date		Paper No(s)/Mail D					

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DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - Claims 1-12, drawn to a semiconductor device, classified in class 257, subclass 510.
 - II. Claims 13-35, drawn to a method of making a semiconductor device, classified in class 438, subclass 221.
- 2. The inventions are distinct, each from the other because of the following reasons:

Inventions II and I are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case, unpatentability of the Group I invention would not necessarily imply unpatentability of the Group II invention, because the device of Group I invention could be made by a process materially different from that of the Group II invention. For example, the process of forming the device of claim 1 can be materially altered by using conventional epitaxial techniques without the step of annealing the first layer at about 100 ° C as recited in claim 24.

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

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4. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

- 5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh-Loan T. Tran whose telephone number is (571) 272-1922. The examiner can normally be reached on Monday-Friday 9:00 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J. Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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